



TOP SECRET

I
MAGERY
A
NALYSIS
D
IVISION

PIR

PHOTOGRAPHIC INTELLIGENCE REPORT

VITAL RECORDS COPY

KONSTANTINOVSKIY PETROLEUM REFINERY
KONSTANTINOVSKIY, USSR

Declass Review by NGA



CIA/PIR 65026

DATE Sept. 1965

COPY

PAGES

10

GROUP 1
Excluded from automatic
downgrading and declassification

TOP SECRET

25X1

Approved For Release 2004/07/07 : CIA-RDP78T05161A000500010069-9

Approved For Release 2004/07/07 : CIA-RDP78T05161A000500010069-9

[illegible]

TOP SECRET

PIR - 65026

25X

CIA IMAGERY ANALYSIS DIVISION

KONSTANTINOVSKIY PETROLEUM REFINERY
KONSTANTINOVSKIY, USSR

The Konstantinovskiy Petroleum Refinery is located $3/4$ nautical mile southeast of the center of the town of Konstantinovskiy, USSR and 14 nautical miles northwest of Yaroslavl on the west bank of the Volga River (Figure 2). Approximate geographic coordinates for the center of the refinery are 57 49 25N - 39 37 28E and its orientation is north northwest/south southeast.

The refinery is irregular in shape with maximum dimensions of 6,000 feet by 3,300 feet. It is served by road, rail and river barges and the distribution of finished products is probably effected in the same manner. The basic refining area has not changed greatly since [] see Figures 3 and 5.

Examination of all available photographic coverage from [] to [] indicates that the refinery was active during this period. Steam or smoke can be seen coming from refining units. In addition the physical changes in the waste water discharge (Figure 5, Item 10), from the refinery can be noted on all the photographic coverage.

The limits of and the various sections within the Konstantinovskiy Petroleum Refinery are shown on Figure 5.

a. The annotations on Figure 5 correspond to the following discussion of facilities present at the refinery.

- (1) Probable water treatment area.
- (2) Probable lubricating oil area containing small and medium sized product storage tanks, processing/packaging buildings, pipe furnace and probable dewaxing unit, warehouse/maintenance type buildings. Area is rail served.
- (3) Tank farm - probable shipping and receiving with pump house.
- (4) Heat and power plant.
- (5) Tank farm - probable crude and finished product storage.
- (6) Probable fractionating unit with associated support facilities.

TOP SECRET

25

25

TOP SECRET

PIR - 65026

25X

CIA IMAGERY ANALYSIS DIVISION

- (7) Possible processing area containing processing and warehouse type buildings, small processing tanks and suspect fractionation unit and pipe furnace.
- (8) Area of warehouse/maintenance type buildings and aggregate storage, rail served.
- (9) Probable processing area under construction containing small processing type storage tanks, construction material, aggregate storage, repair shops/warehousing and extending a steam line from the heat and power plant into the area.
- (10) Water treatment area.
- (11) Docking facilities

b. Construction activity and changes at the refinery during the period [redacted] include the following (annotation numbers refer to Figure 5):

- (1) Construction of six large storage tanks in Annotation 5 between [redacted]
- (2) Construction of three warehouse/maintenance type buildings since [redacted] in Annotation 8.
- (3) Probable processing area under construction Annotation 9.

25

25

All measurements have been made by the CIA/IAD/IB project analyst. They should be considered as approximate and must not be taken as official NPIC mensuration data compiled by the Technical Intelligence Division, NPIC.

TOP SECRET

25

25

TOP SECRET

PIR - 65026

CIA IMAGERY ANALYSIS DIVISION

- (7) Possible processing area containing processing and warehouse type buildings, small processing tanks and suspect fractionation unit and pipe furnace.
- (8) Area of warehouse/maintenance type buildings and aggregate storage, rail served.
- (9) Probable processing area under construction containing small processing type storage tanks, construction material, aggregate storage, repair shops/warehousing and extending a steam line from the heat and power plant into the area.
- (10) Water treatment area.
- (11) Docking facilities

b. Construction activity and changes at the refinery during the period [redacted] include the following (annotation numbers refer to Figure 5):

- (1) Construction of six large storage tanks in Annotation 5 between [redacted]
- (2) Construction of three warehouse/maintenance type buildings since [redacted] in Annotation 8.
- (3) Probable processing area under construction Annotation 9.

All measurements have been made by the CIA/IAD/IB project analyst. They should be considered as approximate and must not be taken as official NPIC mensuration data compiled by the Technical Intelligence Division, NPIC.

TOP SECRET

TOP SECRET

PIR - 65026

CIA IMAGERY ANALYSIS DIVISION

REFERENCES



MAPS OR CHARTS

General Locator Map, USSR (UNCLASSIFIED)
ACIC US Air Target Chart, Series 200, Sheet 0154
13 HL and 14 HL 3rd Edition, April 1963 (SECRET)

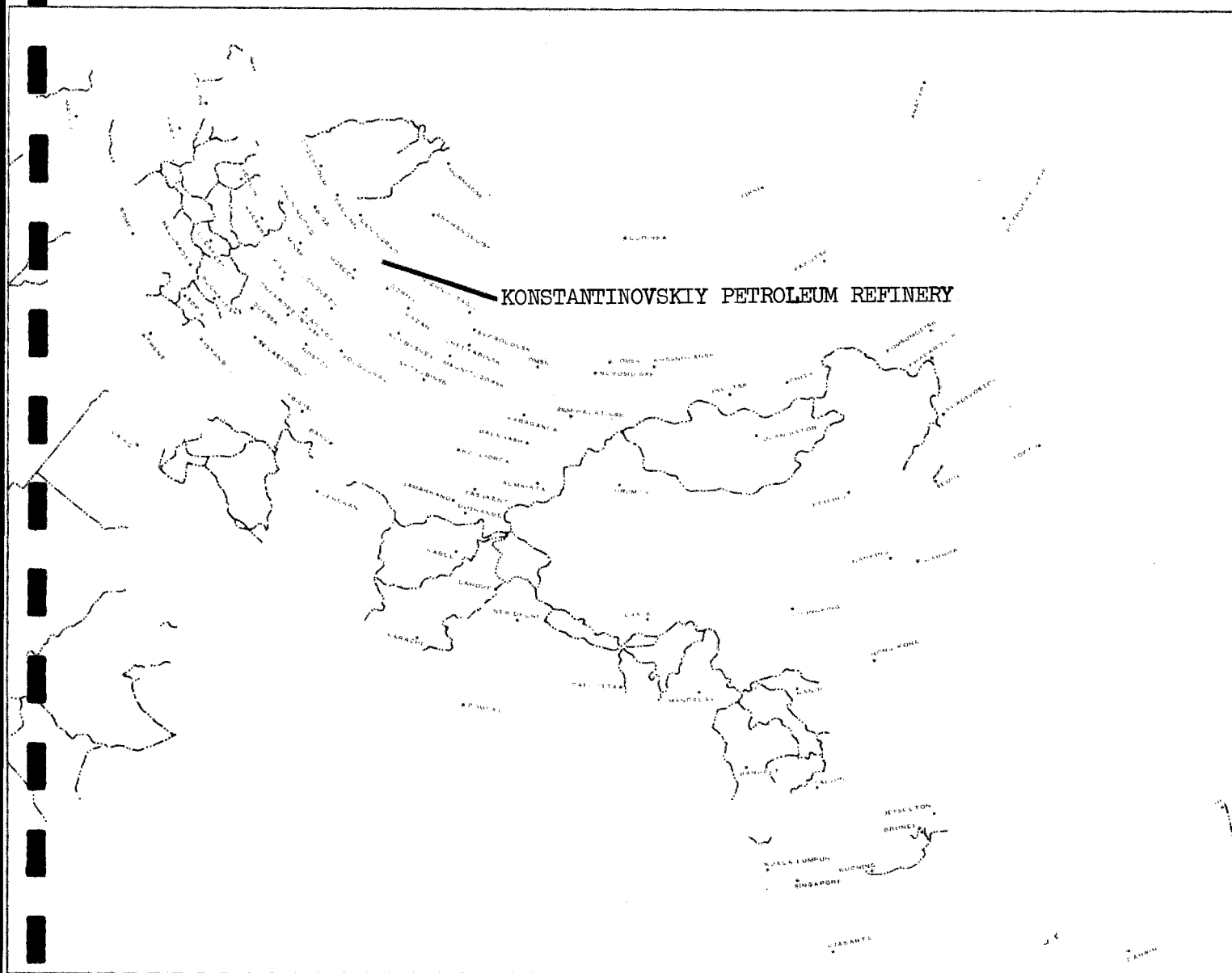
REQUIREMENT

CIA. C-RR5-82,515

CIA/IAD PROJECT

30590-5

TOP SECRET



PREPARED BY - CHEMICAL AND SCIENTIFIC SECTION,
INDUSTRIAL BRANCH, IAD

25X1

Approved For Release 2004/07/07 : CIA-RDP78T05161A000500010069-9

Approved For Release 2004/07/07 : CIA-RDP78T05161A000500010069-9

Approved For Release 2004/07/07 : CIA-RDP78T05161A000500010069-9

TOP SECRET

PIR - 65026
FIGURE 4



KONSTANTINOVSKIY PETROLEUM REFINERY
Konstantinovskiy, USSR
57 49 25N - 39 37 28E

TOP SECRET

Approved For Release 2004/07/07 : CIA-RDP78T05161A000500010069-9

TOP SECRET
Approved For Release 2004/07/07 : CIA-RDP78T05161A000500010069-9

PIR - 65026
FIGURE 3



KONSTANTINOVSKIY PETROLEUM REFINERY
Konstantinovskiy, USSR
57 49 25N - 39 37 28E

Approved For Release 2004/07/07 : CIA-RDP78T05161A000500010069-9

TOP SECRET



TOP SECRET

Approved For Release 2004/07/07 : CIA-RDP78T05161A000500010006-9

PIR - 65026
FIGURE 6

KONSTANTINOVSKIY PETROLEUM REFINERY
Konstantinovskiy, USSR
57 49 25N - 39 37 28E

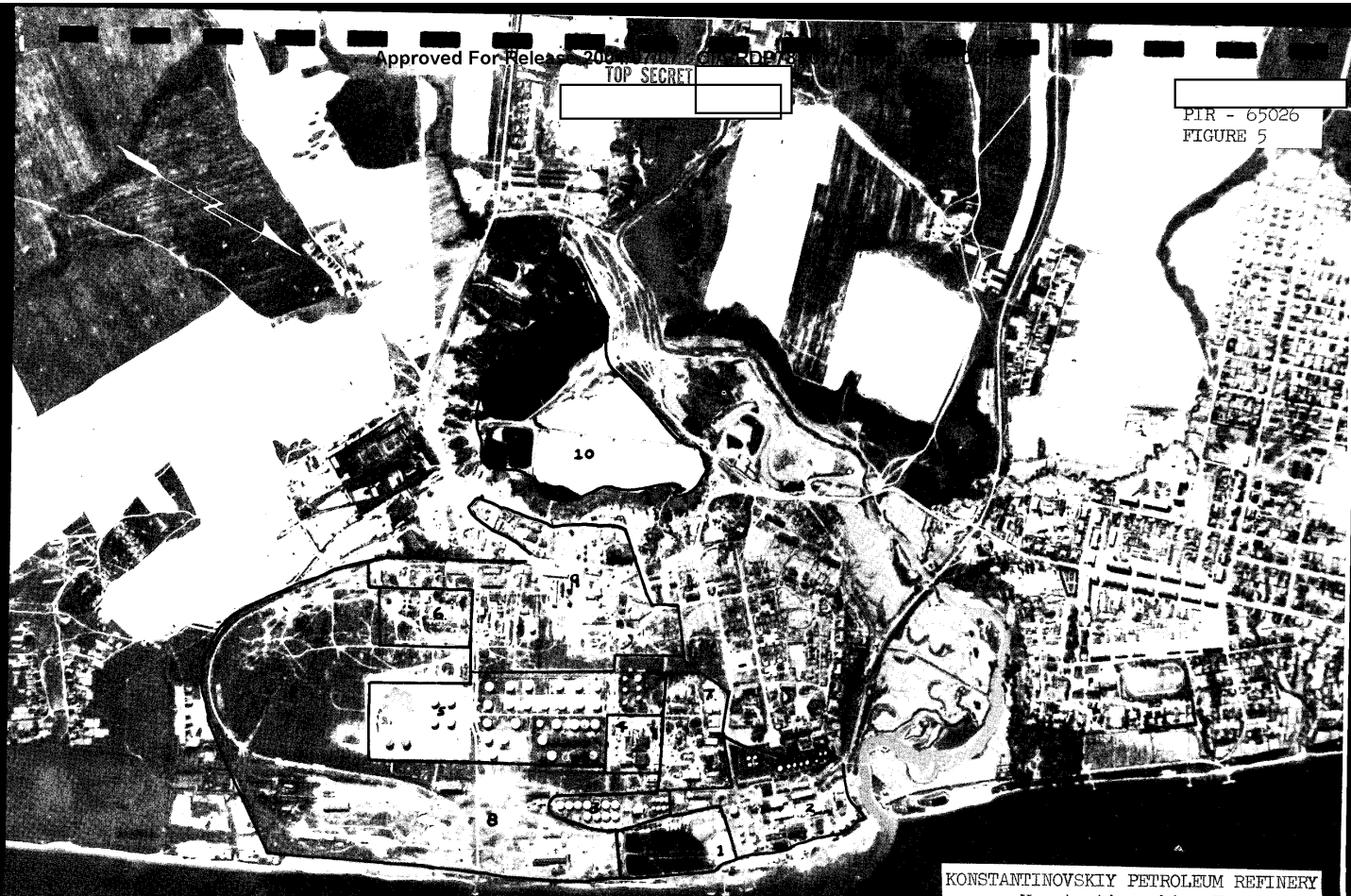
TOP SECRET

Approved For Release 2004/07/07 : CIA-RDP78T05161A000500010006-9

Approved For Release 2001/07/07 : CIA-RDP86-00044R000400010001-6

TOP SECRET

PIR - 65026
FIGURE 5



VOLGA RIVER

KONSTANTINOVSKIY PETROLEUM REFINERY
Konstantinovskiy, USSR
57 49 25N - 39 37 28E

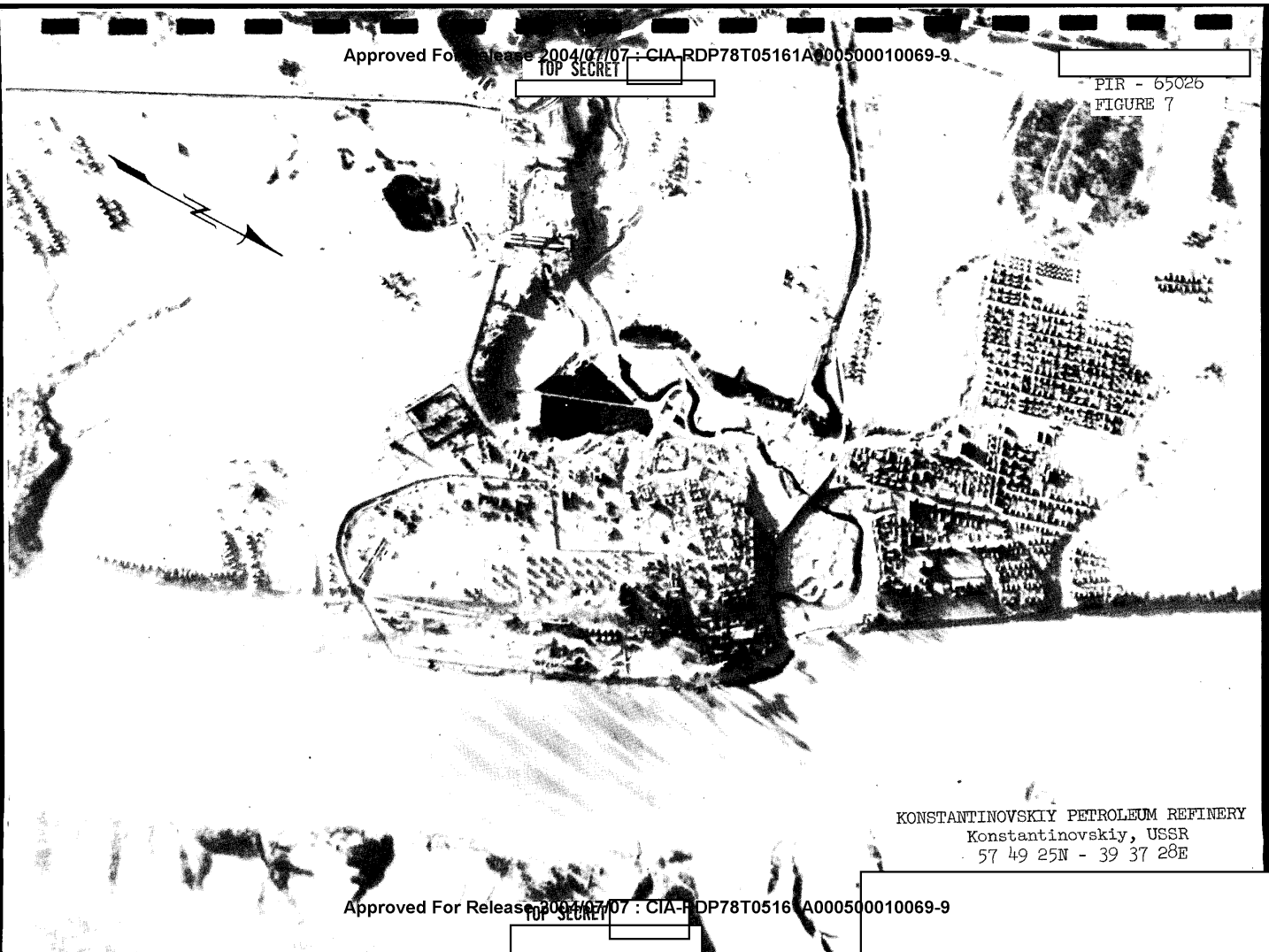
Release 2001/07/07 : C

0010069-9

Approved For Release 2004/07/07 : CIA-RDP78T05161A000500010069-9

TOP SECRET

PIR - 65026
FIGURE 7



KONSTANTINOVSKIY PETROLEUM REFINERY
Konstantinovskiy, USSR
57 49 25N - 39 37 28E

Approved For Release 2004/07/07 : CIA-RDP78T05161A000500010069-9

TOP SECRET

TOP SECRET

TOP SECRET